

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/004314

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|-------------------------------------|----------|-----------|-----------|-----------|-----------|
| A. CLASSIFICATION OF SUBJECT MATTER | | | | | |
| IPC 7 | B22D2/00 | B22D11/18 | B22D37/00 | G01N27/74 | G01N33/20 |

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B22D G01N C21C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| A | PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05, 30 April 1998 (1998-04-30) -& JP 10 005958 A (NIPPON STEEL CORP), 13 January 1998 (1998-01-13) abstract | 1,15 |
| A | US 4 816 758 A (THEISSEN WOLFGANG ET AL) 28 March 1989 (1989-03-28) abstract column 3 - column 5; figures 1-5 | 1,15 |
| A | JP 54 119336 A (KAWASAKI STEEL CO;EDDIO CORP) 17 September 1979 (1979-09-17) figures 1-4 | 1,15 |
| | -/- | |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

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- *&* document member of the same patent family

Date of the actual completion of the International search

12 July 2004

Date of mailing of the International search report

20/07/2004

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| A | PATENT ABSTRACTS OF JAPAN vol. 1998, no. 01, 30 January 1998 (1998-01-30) & JP 09 236461 A (NIPPON STEEL CORP), 9 September 1997 (1997-09-09) abstract ----- | |
| A | WO 02/36293 A (JALK MATS ; OHLSSON WILLY (SE); CERVANTES MICHEL (SE); KELVESJOE HA) 10 May 2002 (2002-05-10) the whole document ----- | |

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